

Strichartz estimates for the Dirac equation on asymptotically flat manifolds

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Abstract. In this paper we prove Strichartz estimates for the Dirac equation on asymptotically flat manifolds. The proof combines the weak dispersive estimates proved in [5] with the Strichartz and smoothing estimates for the wave and Klein-Gordon flows, exploiting the results in [14] and [8, 18] in the same geometrical setting.

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